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CUSTOMER REQ. Nº C. 09746

Directorate/Office/Group/Div DDS&T/FBIS/ESG/HED Date of Request April 27, 1988

Requesting Officer [Redacted] Phone Bk [Redacted]

Bldg/Room RCC-B 3S12

Contact Name [Redacted] Phone Bk [Redacted]

Renovation YES Yes/No OIT Project No. [Redacted] OL Project No. [Redacted]

ADP Approving Official [Redacted] Date [Redacted]

Location of Work From: Bldg [Redacted] Room SEE ATTACHED MEMO

To: Bldg [Redacted] Room [Redacted]

\* For eg., telephone number change.

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RUFFING \_\_\_\_\_ OTHER \_\_\_\_\_ STAND ALONE \_\_\_\_\_  
 \*\*CAMS \_\_\_\_\_ \*\*DESIST \_\_\_\_\_  
 \*\*4C \_\_\_\_\_ \*\*SAFE \_\_\_\_\_  
 \*\*SPECIAL CENTER \_\_\_\_\_  
 \*\*Requires signoff by Systems Approval Officer

~~SEE ATTACHED MEMO~~

**Classify as Appropriate**

WHITE—OIT/ASB GREEN—OIT/CEIB CANARY—OL PINK—REQUESTORS COPY GOLDENROD—REQUESTORS COMEBACK COPY

FBIS-2516/88  
27 April 1988

MEMORANDUM FOR: Chief, Communication Engineering Division, OIT  
FROM: Acting Chief, Engineering Support Group, FBIS  
SUBJECT: Reconfiguration of MicroVax Circuits to Dial-up Mode

1. Within the [ ] FBIS has a non-secure MicroVax computer with 15 terminals located throughout [ ] Each terminal communicates with the MicroVax through a pair of ITE 12s (Integrated Telephone Equipment), which are connected to the PBX. Each pair of ITEs is configured to support a continuous, asynchronous, 9600 bits/second data circuit.

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2. The purpose of this letter is to request that 12 of these circuits be reconfigured to support the following operations:

a. Non-secure FBIS terminals in Reston can dial any of 12 MicroVax communication ports when configured as:

Full Duplex  
Asynchronous  
9,600 Bits/Second  
1 Start Bit  
1 Stop Bit  
8 Data Bits  
No Parity  
Xon/Xoff Flow Control

b. Each of 12 MicroVax ports can automatically answer incoming calls.

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c. The EIA-232 cable pin-out configurations are:

<u>Pin</u>	<u>Function</u>	<u>Pin</u>	<u>Function</u>
1 -	Chassis Ground	8 -	Data Carrier Detect
2 -	Transmit Data	12 -	Speed Indicator
3 -	Receive Data	13 -	Secondary Clear to Send
4 -	Request to Send	19 -	Secondary Request to Send
5 -	Clear to Send	20 -	Data Terminal Ready
6 -	Data Set Ready	22 -	Ring Indicator
7 -	Signal Ground	23 -	Speed Selector

d. Each MicroVax terminal operator has voice and data capability.

3. The jack numbers and/or telephone extensions to be supported by this reconfiguration change are listed below. An asterisk (\*) indicates that a terminal needs to be relocated to that jack number (all relocation requests have been submitted to OIT on Form 4340s).

DATA TERMINAL			MICROVAX			
	<u>Jack Number</u>	<u>Telephone Extension</u>	<u>Room Number</u>	<u>Jack Number</u>	<u>Telephone Extension</u>	<u>Room Number</u>
*	BS1-092	N/A	1S18A	N/A		3N18
*	BS1-093	N/A	"	N/A		"
	BS2-085		2S16	N/A		"
	BS2-052		"	N/A		"
	BS2-044		"	N/A		"
	BS2-081		"	N/A		"
*	BS2-023		2S46B	N/A		"
*	BS2-036		2S46A	N/A		"
*	BS3-130		3S18	N/A		"
*	BS3-125		"	N/A		"
	BN3-036		3N48	N/A		"
	BN3-037		"	N/A		"

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4. The locations of the 12 terminals have been identified on Attachments A, B, C, D, and E.

5. FBIS recognizes that such a request would normally be submitted to the Customer Support Group. In this case, the Communication Engineering Division has been requested to support this project because its contractor, CONTEL, is already modifying these data circuits to meet shielded enclosure requirements for room 3N18. FBIS desires to minimize confusion about the circuit configuration by having the two projects addressed by the same work force.

6. If you have any questions, please contact me at [ ] or [ ] at [ ]

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CONCUR:

[ ], Chief/FBIS Administrative Staff

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Attachments

FBIS-2516/88

SUBJECT: Reconfiguration of MicroVax Circuits to Dial-up Mode

DS&T/FBIS/ESG/ADD/SES: [REDACTED] (20APR1988)

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Distribution:

Original - C/CED

1 - C/ADMIN

1 - C/LOGS

1 - C/HED

HED Staff

1 - C/EB

1 - C/ADD

ADD Staff

1 - [REDACTED] COTR

1 - [REDACTED], ADD

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1 - CED/OIT, [REDACTED]

1 - CSG/OIT, [REDACTED]

1 - [REDACTED] GE/SES

1 - [REDACTED] GE/SES

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1 - ADD Chrono

1 - ESG Chrono

1 - FBIS Registry

1 - GE/SES Chrono

1 - Originator

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